

SEQUENCE LISTING

<110> Pankewycz, Oleh

<120> Novel Human Gene with Immunoregulatory and Anti-Proliferative Properties

<130> 11520.0352

<150> US 60/452,780

<151> 2003-03-07

<160> 16

<210> 1

<211> 240

<212> DNA

<213> Homo sapiens

<220>

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<211> 79

<212> PRT

<213> Homo sapiens

<220>

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Cys Val Cys Val Phe Ile Cys Leu His Val Asp Gln
15 20
Phe Leu Leu Glu Asn Asn Leu Leu Tyr Asp Leu Phe
25 30 35
Trp Ser Tyr Ile Leu Ile Thr Val Leu Pro Leu Pro
40 45
Asn Ser Ile Asp Phe Phe Pro Pro Leu Lys Cys Ile
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Ile Trp Ser Gln Val Gly Phe Phe Gly Thr Phe Leu
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Ser Ser Gly Cys His Ala Ala
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<210> 3

<211> 959

<212> DNA

<213> artificial sequence

<220>

<223> the PRSET DNA vector containing the coding sequence for the P1h.

The coding region of the P1h is from 170-409

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atggggatcc	gagctcgaga	tgactagaat	cgacacgtgt	gcgtgcgcac	200
gcgtgtgcgt	gtgtgtgttc	atctgtctgc	atgtggatca	atttcttta	250
gaaaataatt	tattgtatga	tttattttgg	agttatattc	tgattacagt	300
gctccctctc	ccaaatagca	ttgattttt	ccccctcta	aaatgtataa	350
tctggctcta	ggttggattc	tttggtacat	ttctctcttc	tggtgccat	400
gcagcttaag	gaagcttcat	ccggctgcta	acaaagcccc	aaaggaagct	450
gagttggctg	ctgccaccgc	tgagaataa	ctagcataac	cccttggggc	500
ctctaaacgg	gtcttgaggg	gtttttgct	gaaaggagga	actatatccg	550
gatctggcgt	aatagcgaag	aggcccgcac	cgatcgccct	tcccaacagt	600
tgcgcagcct	gaatggcgaa	tgggacgcgc	cctgttagcgg	cgattaaagc	650
gcggcgggtg	ttgtggttac	gcgcagcgtg	accgctacac	ttgccagcgc	700
cctagcgcgc	gctcctttcg	ctttttccc	ttccttctc	gccacgttcg	750
ccggcttcc	ccgtcaagct	ctaaatcggg	ggctccctt	agggttccga	800
tttagtgctt	tacggcacct	cgaccccaa	aaacttgatt	agggtgatgg	850
ttcacgtagt	ggccatcgc	cctgatagac	gtttttcgc	ccttgacgt	900
tggagtccac	gttcttaat	agtggactct	tgttccaaac	tggaacaaca	950
ctcaaccct					959

<210> 4

<211> 36

<212> PRT

<213> mus musculus

<220>

<400> 4

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Val	Ser	Leu	Lys	Asn	Asn	Leu	Leu	Cys	Asp	Phe	Leu
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Trp	Ser	Phe	Cys	Ser	Gly	Tyr	Ser	Ala	Ala	Pro	Gln
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<210> 5

<211> 600

<212> DNA

<213> homo sapiens

<220>

<400> 5

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tctttgaagc	aattaaaatc	ttccttgcata	actgctgttt	ctttctactc	150
ttgtttctgg	caattttagt	ggttccttct	ctagtggtct	taaatctcat	200
tccactgggt	gcaagatggg	gcctagcctt	ctttcacat	gtctaatttt	250
ttccttctc	atggtgcct	ccatggaagt	cacagtcaac	actgaataaaa	300
tgactagaat	gacacgtgt	cgtgcgcacg	cgtgtgcgt	tgtgtgttca	350
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ttattttgg	gttatattct	gattacagt	ctccctctcc	caaatacgat	450
tgatttttc	ccccctctaa	aatgtataat	ctggtctcag	gttggattct	500
ttggatcatt	tctctttct	ggatgccat	cagcttaatt	aaaaccttgc	550
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<223> PCR forward primer		
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<210> 9		
<211> 20		
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<223> PCR reverse primer		
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<210> 11		
<211> 17		
<212> DNA		
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<220>
<223> PCR reverse primer

<400> 11
ccaatggta tgacctg

<210> 12
<211> 33
<212> DNA
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<220>
<223> PCR primer

<400> 12
ggactcgaga tgactagaat cgacacgtgt gcg 33

<210> 13
<211> 40
<212> DNA
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<220>
<223> PCR primer

<400> 13
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<210> 14
<211> 16
<212> DNA
<213> artificial sequence

<220>
<223> 5' primer for QPCR

<400> 14
agggagcact gtaatc 16

<210> 15
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<212> DNA
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<220>
<223> 3' primer for QPCR

<400> 15
tgcatgtgga tcaatttctt ttaga 25

<210> 16
<211> 27
<212> DNA
<213> artificial sequence

<220>
<223> FAM labeled reporter primer

<400> 16
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27

BFLODOCS 904648v1